HANDLER

550
PORTA-VAC

IMPORTANT INSTRUCTIONS
DO NOT DISCARD

HANDLER MANUFACTURING CO., INC.
Over Eighty Years of Quality Manufacturing and Service...
612 NORTH AVENUE EAST, WESTFIELD, N.J. 07090
Ph: (908) 233-7796 • Fax: (908) 233-7340 • 800-27-HANDL • E-Mail:info@handlermfg.com • web site: www.handlermfg.com

HANDLER
MANUFACTURING COMPANY, INC.

INSTRUCTIONS FOR MAINTENANCE AND CARE 550 PORTA-VAC

GENERAL: Open the 550 carton and inspect it. Should damage have occurred in transit, contact the freight forwarder, IMMEDIATELY. Your 550 Porta-Vac was manufactured and tested prior to shipping. The unit was found to be in proper working order. Failure to report damage, promptly, to the freight carrier, will result in loss of your rights to place a damage claim.

USE: Your 550 Porta-Vac was designed and built to collect dry dusts and debris from various grinding and polishing operations. NOT FOR USE WITH ALUMINUM OXIDE. It is not designed to collect dust from prolonged polishing and grinding. Although the suction motor is built to function for long periods of time, we suggest its use is limited to 15 - 20 minutes per collection period.

Remove the 550 from the carton in which it was shipped. Check to make certain no other accessories were packaged with the shipment of your 550 Porta-Vac. The 550 was shipped with the following accessories:

1 .....550 Porta-Vac with filter and Suction motor assembled.

1 .....Florescent Light, light socket and cord.

1 .....Resin Insert Pan

Before connecting the 550 to an electrical source, please complete the following:

1. Place the 550 on a sturdy table top.

2. Remove the packing from the resin insert pan, and place it in the bottom of the 550.

3. Unscrew the top of the plastic light socket. Place the base of the socket through the hole in the top, front left side of the 550 hood. From inside the top left side of the hood, screw the plastic top, clockwise, back onto the light socket, making certain the top is secure on the base of the socket. Double check this procedure to make certain the top is screwed back onto the socket's base properly and securely.

4. Unpack the florescent bulb, and screw it into the light socket from the inside upper left portion of the hood.

5. Place the Unit into the position on your tabletop on which it will be used (alongside a lathe, handpiece, etc.). Remove the protective covering from the safety shield. Position it in a comfortable location by loosening the thumb screws on either side of the shield. Retighten the thumb screws when the shield has been adjusted to the desired position. Connect cordset to proper electrical source.

6. Plug the unit into a suitable ground fault electrical socket. If the socket into which you will connect the 550 does not have a proper ground fault receptacle wired into the circuit, call a licensed electrician to have this completed promptly. All products utilized in a dental laboratory or operatory MUST BE properly protected with ground fault protection in the circuit.

7. Turn the 550 ON by depressing the rocker switch located on the left rear top of the motor housing. The switch will light when the unit is activated.

8. The 550 is built for the collection of dusts and debris created by grinding and polishing operations. It is built for LIGHT GRINDING operations, only. If you are collecting dusts and debris for a period longer than 15 - 20 minutes, 3 - 4 times per day, we suggest the use of a larger dust collector. Handler builds a full line of dust collectors which are built for continuous collection of dusts. Contact us at the address, below for a copy of our current catalogue.

CLEANING FILTER: The filter of the 550 Porta-Vac has been designed to collect small dust particles. Check the filter and clean daily. If you notice a drop in suction, it is time to clean or replace the pleated filter.

1. Remove the unit's plug from the electrical source (disconnect the plug).
2. Turn the unit 180 degrees to have the rear of the unit facing you.
3. Remove the thumb screw holding the suction motor and filter in place.
4. Swing the door open and remove the filter from the rear of the unit.
5. Tap the pleated filter, with the pleats facing downward, into a suitable refuse container.
6. Tap the filter several times to remove the dust and debris caught between the folds of the filter.
7. Replace the filter into the rear of the 550 Porta-Vac with the gasket facing outward. Close the door and replace the thumb screw, turning clockwise to tighten.
8. You may wish to clean the entire 550 Porta-Vac before placing unit back in service. Clean all dusts and debris from the unit and wipe clean with a damp cloth and mild detergent. Do not use harsh cleansers e.g. Formula 409, Fantastic, Comet, etc.
9. Turn the unit 180 degrees and place it into its original position.
10. Reconnect the plug to its electrical source.

NOTE: The filter should be replaced under heavy use at least once every 3 - 6 months. Under normal use, the filter should be replaced every 6 - 12 months. Failure to complete this procedure may result in reduced suction, dust escaping from the rear of the unit, or malfunction of the unit.

* When ordering a new replacement filter, order Cat. No 550 F.

The 550 Porta-Vac is warranted for a period of one year from the date of sale to your distributor. Handler will repair or replace, at our option, any 550 which malfunctions due to a defect in manufacturing and workmanship. When returning the 550 Porta-Vac for service, please advise us when the unit was purchased from your distributor.

Thank you for purchasing a Handler product. Should you have questions regarding the 550 Porta-Vac, wish us to forward a copy of our current catalogue, or have a question concerning any Handler product, please contact us at the address listed, below.

WARRANTY

Warranty: The Handler 550 Red Wing Porta-Vac is warranteed for a period of one year from date of sale by Handler Manufacturing Co., Inc. Handler will repair or replace your 550 Porta-Vac at no cost except for appropriate transportation, at our option. No other warranties are implied or intended.

Your warranty will become null and void if the unit is misused, not maintained, or not utilized as suggested.

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1-908-233-7796 • 1-800-27Handl • E-Mail: Handent@aol.com

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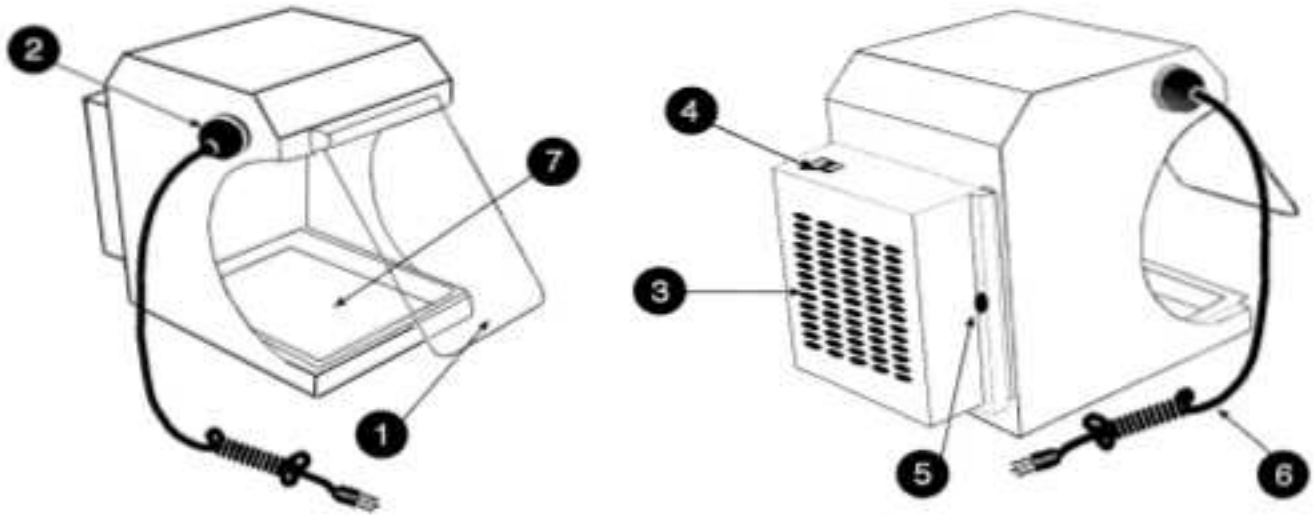
PARTS LIST FOR 550 PORTA-VAC



To order parts for your 550 Porta-Vac, please specify Model Number of unit, Serial Number and Part Number required.

1.	P550-01	Shield for 550 (86B)
2.	P550-02	Light Socket for 550
3.	P550-03	Filter for 550 (550F)
4.	P550-04	Rocker Switch for 550
5.	P550-05	Thumb Knob for 550
6.	P550-06	Line Cord for 550
7.	P550-07	Resin Insert Pan for 550

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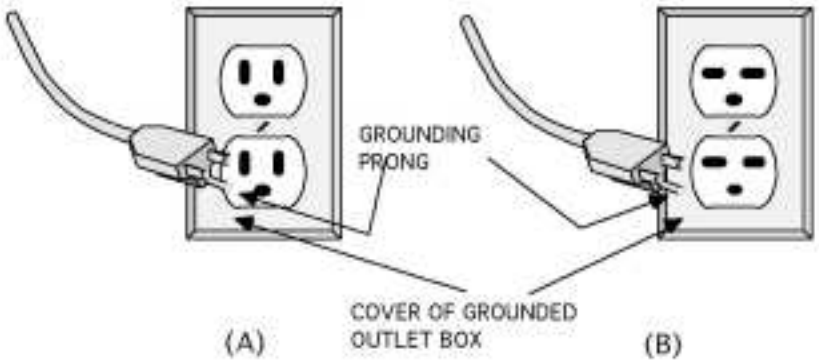
SAFETY INSTRUCTIONS

I. GROUNDING INSTRUCTIONS

This tool should be grounded while in use to protect the operator from electric shock. The tool is equipped with an approved three-conductor cord and three-prong grounding type plug to fit the proper grounding type receptacle. The green (or green and yellow) conductor in the cord is the grounding wire. Never connect the green (or green and yellow) wire to a live terminal. If your unit is for use on less than 150 volts, it has a plug that looks like that shown in sketch (A) in Figure 1. If it is for use on 150 to 250 volts, it has a plug that looks like that shown in sketch (B). Use of an extension cords or a 2 prong adapter is not recommended.

FIGURE 1
GROUNDING METHODS



TOOL SAFETY INSTRUCTIONS

1. Keep Work Area Clean

Cluttered areas and benches invite accidents.

2. Avoid Dangerous Equipment

Don't expose power tools to rain. Don't use power tools in damp or wet locations. Keep work area well lit.

3. Keep Children Away

All visitors should be kept safe distance from work area and appliance.

4. Store Idle Tools

When not in use, tools should be stored in dry, high, and locked location out of the reach of children.

5. Don't Force Tool

It will do the job better and be safe at the rate for which it was designed.

6. Use Right Tool

Don't force small tool or attachment to do the job of a heavy-duty tool.

7. Wear Proper Apparel

Do not wear loose clothing or jewelry which may get caught in moving parts. Tie back long hair or use a proper hair net.

8. Use Safety Glasses

Use safety glasses with all rotating tools. Also use a face or dust mask if cutting operation is dusty.

9. Don't Abuse Cord

Never carry tool by cord or yank it to disconnect from receptacle. Keep cord from heat, oil, and sharp edges.

10. Secure Work

Use clamps or a vise to hold work. It's safer than using your hand and it frees both hands to operate tool.

11. Don't Overreach

Keep proper footing and balance at all times.

12. Maintain Tools with Care

Keep tools sharp and clean for best and safest performance. Follow instructions for lubricating and changing accessories.

13. Disconnect Tools

When not in use; before servicing; when changing accessories such as blades, bits, cutters, etc.

14. Avoid Accidental Starting

Be sure switch is OFF when plugging in.

IMPORTANT NOTICE

1. Our terms of sale are F.O.B. our plant. Handler makes every effort to insure the proper delivery of goods, but we cannot guarantee the carrier's performance. Each product is tested and inspected for proper performance prior to leaving our facility. The responsibility for damage in transit is the carrier's, whether it is visible damage or concealed damage

2. Inspect this shipment **IMMEDIATELY**. Insist that visible damage or possible damage be written on the Delivery Receipt by the receiver.

3. Inspect the contents of your shipment within 24 hours of receipt. Using your copy of our packing list, check for piece count and accuracy immediately to insure proper billing.

4. If damage is discovered, save all crates, cartons and packaging material until an inspection has been made by an agent of the carrier.

5. In case of damage, notify the delivering carrier **IMMEDIATELY** requesting that an inspection be made. Retain a copy of the inspection request for claim purposes. Failure to notify the freight carrier immediately will result in the loss of your rights to claim damage.

6. We have taken every precaution to insure safe arrival of your products. We cannot be responsible for negligence by another party.

7. The receiver of the goods must make claims for incorrectly shipped goods to the shipper within 15 days of receipt of delivery.

RETURNING GOODS

1. Do not return merchandise without our authorization. You must call first for a return authorization number.

2. We will not accept returned merchandise from the carrier unless our authorization **NUMBER** has been issued, and is clearly marked on the outside of the carton.

3. We will not accept goods (i.e. dust collectors) that are not cleaned and free of dust and debris. The merchandise will be shipped back.

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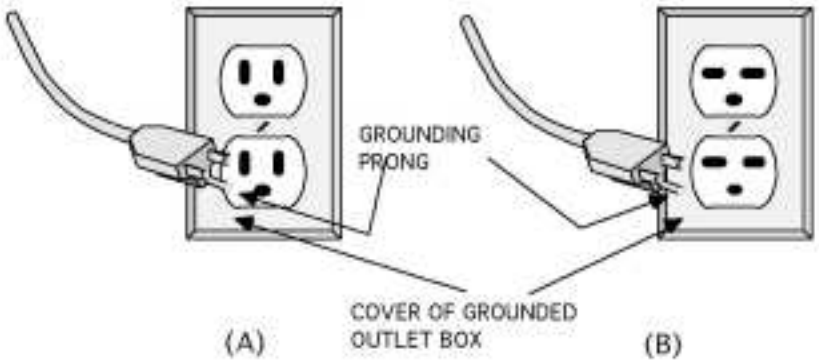

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